

Notice of Allowability

Application No.

10/603,288

Examiner

Jacob Y. Choi

Applicant(s)

ALBOU, PIERRE

Art Unit

2875

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/11/2005.
2. ☒ The allowed claim(s) is/are 1-3, 5-13 and 15-22.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
- ☒ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

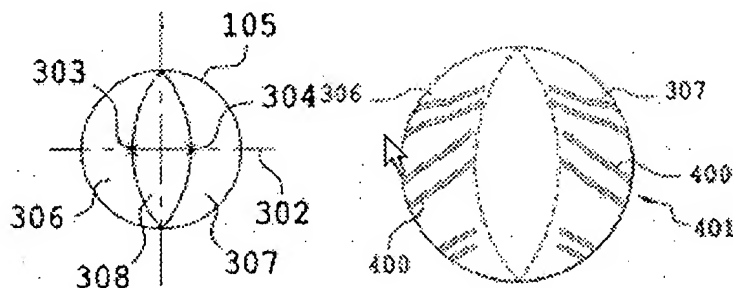
DETAILED ACTION

Allowable Subject Matter

1. The following is a statement of reasons for the indication of allowable subject matter:

Claim 1 recites a projection device for a motor vehicle, comprising, a reflector, a light source, an exit lens, a shield, and a set of protuberances.

Because none of the references disclosed the detail limitations of the protuberances produced solely on the side parts of the exit surface of the exit lens, where the exit lens comprises a central part of the exit surface which encompasses a region of the exit surface intersected by a vertical plane defined by an optical axis of the projection device and first and second side parts of the exit surface laterally disposed on opposing side of the central part, nor is there any motivation to combine them, the claims are deemed patentable over the prior art of record.

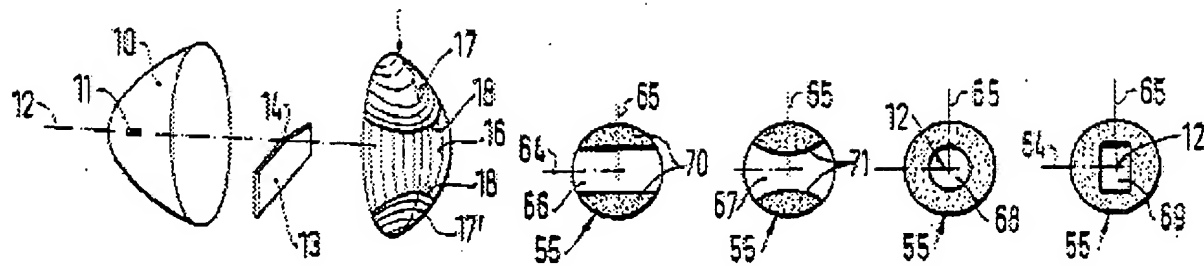


Claim 20 recites a projection device adapted to produce a set of light signals, the device comprising, a light source, a reflector, an exit lens, a shield, and a plurality of modified surface regions.

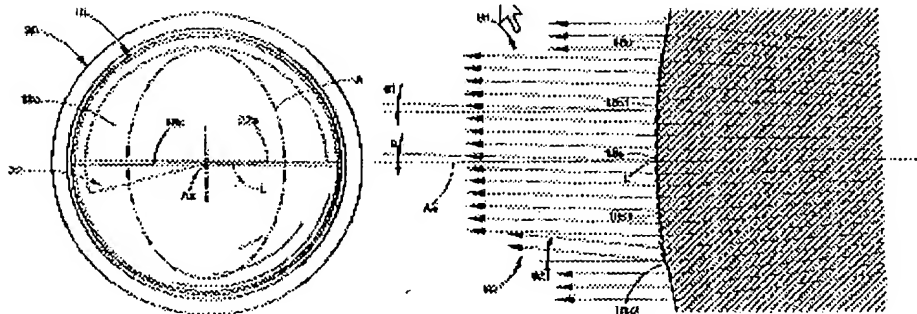
Because none of the references disclosed the detailed limitations of the surface modified regions are produced solely on the side part of the exit surface of the exit lens, where the exit surface having a central part which encompasses a region of the exit surface intersected by a vertical plane defined by the optical axis and first and second side parts being laterally disposed on opposing sides of the central part, nor is there any motivation to combine them, the claims are deemed patentable over the prior art of record.

Lindae et al. (USPAN 4,796,171) teaches a reflector (10), a light source (1112) producing a set of light signals which can be reflected by the reflector, an exit lens (15), comprising an entry surface and an exit surface, for producing a light beam, and a shield (13) disposed between the reflector and the exit lens in order to produce a cutoff in the light beam produced, wherein the exit lens comprises a set of protuberances (Figures 2, 4, 6-8) produced in at least one side part of the exit surface of the lens, each arrangement being able to divert in a given direction a part of the light signals encountering this protuberances, the protuberances being produced on the side parts of the exit surface of the exit lens.

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Uchida (USPN 6,416,210) teaches a reflector (14), a light source (12) producing a set of light signals which can be reflected by the reflector, an exit lens (18), comprising an entry surface and an exit surface, for producing a light beam, and a shield (22) disposed between the reflector and the exit lens in order to produce a cutoff in the light beam produced, wherein the exit lens comprises a set of protuberances (Figure 18s) produced in at least one side part of the exit surface of the lens, each arrangement being able to divert in a given direction a part of the light signals encountering this protuberances, the protuberances being produced on the side parts of the exit surface of the exit lens.



Claims 1-3, 5-13 and 15-22 are allowed.

Response to Amendment

2. Examiner acknowledges that the applicant has amended claim 5 to be depended on allowed independent claim 1 without prejudice or disclaimer. Claims 1-3, 5-13, & 15-20 are now pending in this application.


Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jacob Y. Choi whose telephone number is (571) 272-2367. The examiner can normally be reached on Monday-Friday (10:00-7:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on (571) 272-2378. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JC


JOHN ANTHONY WARD
PRIMARY EXAMINER